



**COMPRESSION PACKING  
WORKING GROUP  
Go-to-Meeting Conference  
November 20, 2017**

**Present:**

Larry Sheffield – Inertech  
Carl Jones – WL Gore  
John Morton – John Crane  
Jim Drago - Garlock Sealing Technologies  
Hans Dekker – A.W. Chesterton  
Lee Gillette – WL Gore  
Martin Coulthard – James Walker  
David Mitchell – ESA  
Chris Boss - Garlock Sealing Technologies  
Greg Raty – Slade  
Linda Finnegan – New England Braiding  
Guillermo San Martin - Empak Spirotallic  
Ron Frisard - A.W. Chesterton  
Mike Kupin – Garlock Sealing Technologies  
David Edwin Scott – ESA  
Ralf Vogel – Burgmann Packing  
Francesca Torriani - General Packing  
Henri Azibert - FSA (603) 475-4335

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**Absent:**

Antonio Morales - Empak Spirotallic  
Phil Mahoney – A.W. Chesterton  
Thomas Jessup – EGC  
Rob Garlock – EGC  
Patricia Pichardo – Empak  
Raul Gomez – Montero Fye S.A.  
María García Gorrichategui - Montero Fye S.A  
Mark Neal – ESA  
Jakub Marczyk – James Walker  
Laverne Fernandes - Garlock Sealing Technologies  
Jeff Bernthisel – EGC  
Mark Richardson – James Walker

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***I. Approval of Agenda***

## II. Handbook

- a. **Reformat of existing material - Next session scheduled for December 6 – Still to do:**
  - i. References to pages, tables and figures
  - ii. Standards summary and spreadsheet link
  - iii. Table 3
- b. **New Material**
  - i. Environmental controls - Power consumption - Differences between packing and mechanical seals - Spreadsheet on standards
- c. **Review Process – Send to distribution list of meeting for first review – Then go through formal process to Technical Coordinating Committee and Voting members**

## III. Joint FSA ESA Projects

- a. **Pump Packing Friction Study**
  - i. Complete
- b. **LCC**
  - i. Ryan Neris from Ergoseal has volunteered to work on revising the spreadsheet program – Henri gave information on changes required – **Henri** to follow up on progress
  - ii. Change of the platform for downloadable XLS spreadsheet to an online program in the KnowledgeBase – No Schedule yet
- c. **Valve Packing Study**
  - i. Presentation from CETIM and Spreadsheet. Need to get back to Hubert. **Everyone** to look at the documents on SharePoint and give comments so the next step can be decided upon. See the spreadsheet and figure out how it works and how useful it would be. User interface? Two more tests done with different variables - different packing and installation (each ring compressed, or all set done at once) methods show significant differences in leakage rates. Link to SharePoint site:  
<https://fsanet.sharepoint.com/CompPkg/SitePages/Home.aspx?RootFolder=%2FCompPkg%2FShared%20Documents%2FTechnical%20Projects%2FPacking%20Characteristics%20Study&FolderCTID=0x01200081DB34033103F045AB3EC350A83679DF&View=%7B22723C28%2DED85%2D44FF%2D8D5A%2D87E48A0B6679%7D>.

## IV. Education projects.

- a. **FSA Webinar(s) Plan at beginning of next year – one per quarter goal – Presentation for the Safety was mostly on gasket**
- b. **Canadian Valve User's group – Used Valve World training material**
- c. **Once manual is done we can do a series of webinars based on it (like was done for gaskets)– right now priority is manual**
- d. **Valve World Training – Presentation material on SharePoint**
- e. **ESA Packing training material**
  - i. ESA working on the animations and voice over – looking for more pictures to update presentation – Slow progress – Delivery/platform method is in question – the Website may not be the best repository

*88 MB? ESA Marketing meeting coming up (Mark Neal has inquired on using the KnowledgeBase platform for the ESA)*

**f. KnowledgeBase**

- i. Sealing Sense Articles Repository as a separate section – Technical Coordinating Committee and Board approval was given at Annual Meeting*
- ii. Folder set up on SharePoint to gather material - Standards spreadsheet – Webinar presentations – power consumption webinar – Handbook broken down in sections could be material to post*

**V. Standards & Regulations**

**a. API 622 – 640 - 641- 602 - 623 – 621 - 608**

- i. 622 – 1/8” cross section – 100 PPM no adjustments*
- ii. 621 reconditioning was up for ballot – Did not pass - resolution required*
- iii. 641 Clarification requested by Phil*
- iv. 608 to require 641 testing*

**b. ISO 15848 – no activity**

**c. ESA – PD 002 (BS 4371) – updated draft from David - **Phil** and **David** to coordinate (MSS question) – Need meeting to discuss**

**d. EN 16752 – no activity**

**e. Emission Regulation**

- i. EPA Rule on Methane still in effect and Congress reaffirmed – Also Court action to keep Regulation in place*
- ii. Pennsylvania Permitting Regulation – Comments submitted*
- iii. Canada released draft rule - submitted comments – Beginning 2018*
- iv. Alberta issuing regulations – Go primarily after high leakers, end users push back*
- v. IED (Industrial Emissions Directive) BACT and Brefs - ESA updating documents and working with European Commission – Last week conversation, accepted ESA information posted on BACT information system – IPPC document also posted with IED requirements. Excellent results*

**f. WTO EGA Meeting with Trade Representative Robert Lighthizer postponed – Possible study addressing trade debt – No activity in Europe right now**

**g. EU Drinking water standards – EDW – meeting on 9/25, and 10/4 – Going well – agreed EDW approach accepted – Technical group meeting for metal not acceptable format – Local individual states want to have more stringent test if they desire – Waiting for response from European body – It is a set back!**

**h. Food contact Graphite – Movement on Mechanical seal side – migration test to be required from seal face manufacturers – application to packing and gaskets is a question**

**i. EPA Clean Water – No action**

**j. PFOA Contamination – No action**

- k. **Other**
      - i. *Phil has been working with the CMES – Marketing approach? Phil to update next meeting*
- VI. **Publications**
  - a. **Sealing Sense Articles**
    - i. *API 641 Rotary Phil*
    - ii. *Other*
  - b. *Pumps and Systems invitation for February Special Section on Sealing Technology (Ron?)*
  - c. **Other**
    - i. *Pump Engineer*
    - ii. *BIC*
- VII. **Outreach Projects**
  - a. *Fluor/Canada – Good feedback – More focused presentation for another meeting welcome*
  - b. *VMA – Technical meeting 2018*
  - c. *A&M Pump Show – Rescheduled for December – Booth presence -*
  - d. *HI – Co-located meeting - Guide books recommendation - Commercial Buildings, packing write-up – Slurry Webinar – Condition Monitoring for rotary pumps – Engineering Data Book - Lunch and Learn Stuffing box design on SharePoint*
  - e. *Emission Summit – June 2018 – <http://americas.fugitive-emissions-summit.com/>*
  - f. *KCI Pump Summit – next June 2018 – Henri asked to do keynote session on Standards*
  - g. *Industrial Valve Summit 22/23 May 2019 in Bergamo*
  - h. *API – Refining Meeting November 17 – API 682 task force meeting – Presentation on SWG testing standard*
  - i. *Power Gen – no plans*
  - j. *Chinese Packing and Gasket Association – Keep channels open*
  - k. *Indian Sealing Association – Monitor -*
  - l. *World Tribology Conference - some feedback for CSA – Invitation? John Morton could send ESA annual meeting invite – to follow up*
  - m. *STLE – Packing friction? – 2018 Annual Meeting - May 20-24, 2018 Minneapolis Convention Center - 100-150 word abstract to <https://stle2018.abstractcentral.com>*
  - n. *VDI -*
  - o. *BHRG – 24<sup>th</sup> Fluid Sealing Conference – 3/7-8/2018 Manchester UK - Abstracts for elastomers - David on Technical committee*
- VIII. **New Business**
- IX. **Next Session**
  - a. *Monday December 18, 2017 9:00 AM EST*
- X. **Adjourn**

***hva 11/20/17***